

ABSTRACT OF THE DISCLOSURE

Disclosed is a method and apparatus for detecting a position of a folder in a rotation touch phone having a camera. The rotation touch phone includes a sensor section, a folder, a body, and a connecting section. The folder has a magnet and the sensor section includes first, second and third sensors for detecting the magnet. The first and second sensors are located on the body and the third sensor is located on the connecting section. The connecting section connects the folder to the body. The folder is movable from first, second, third and fourth states. The first state signifies a state in which the folder is initially closed, the second state signifies a state in which the folder has been opened from the first state, the third state signifies a state in which the folder has been rotated substantially 180 degrees from the second state, and the fourth state signifies a state in which the folder has been closed from the third state. The method comprises the steps of: i) receiving a signal from the sensor section notifying that the sensor section detects the magnet; and ii) deciding that the folder is in at least one of the first to fourth states, based on the signal input from the sensor section.